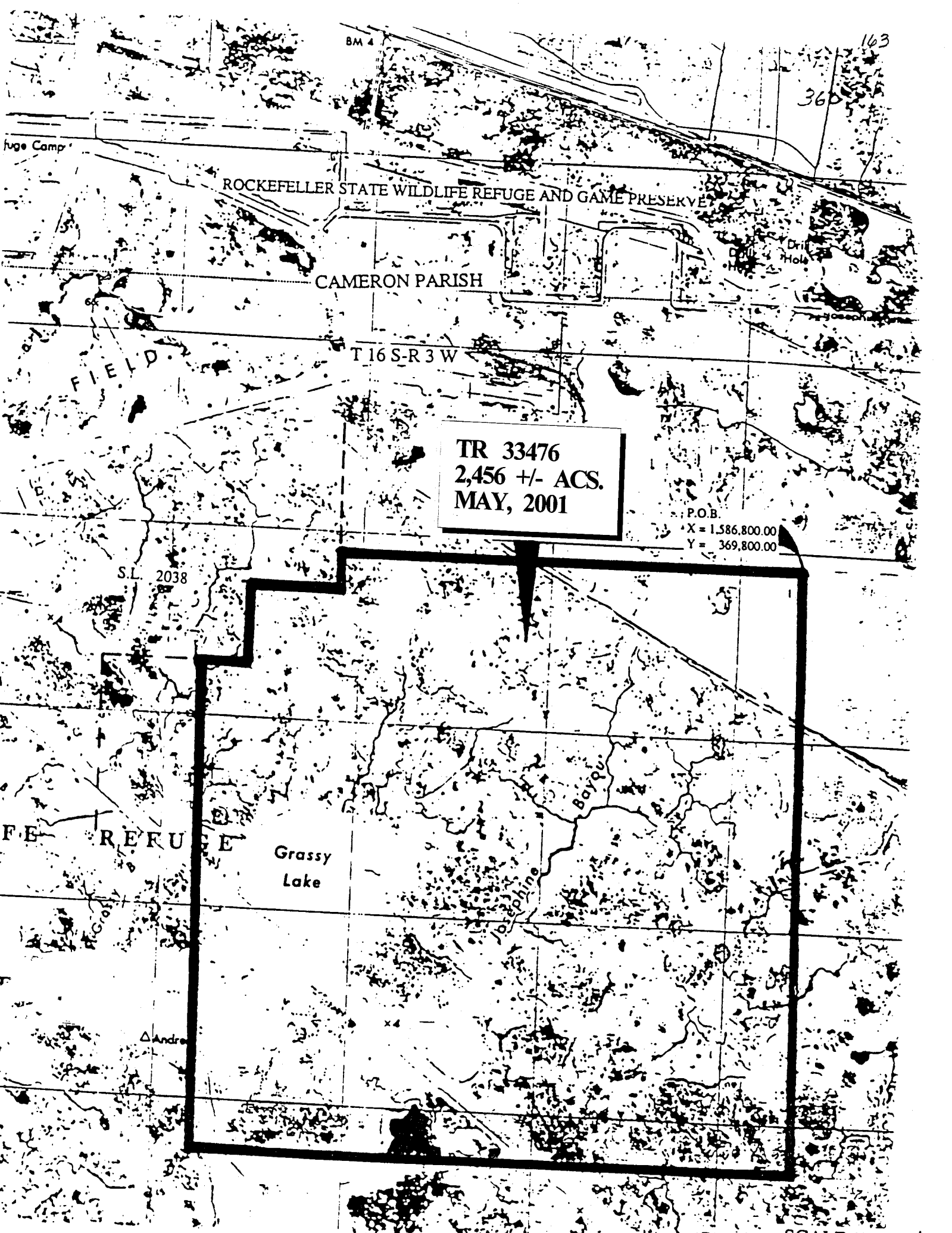


implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

Applicant: Mineral Services, Inc.

Bidder	Cash Payment	Price / Acre	Rental	Oil	Gas	Other



ROCKEFELLER STATE WILDLIFE REFUGE AND GAME PRESERVE

CAMERON PARISH

T 16 S-R 3 W

TR 33476
2,456 +/- ACS.
MAY, 2001

P.O.B.
X = 1,586,800.00
Y = 369,800.00

S.L. 2038

WILDLIFE REFUGE

Grassy Lake

Bayou

Δ Andre

SCALE 1" = 1000'

TRACT 33477 - Cameron Parish, Louisiana

All State owned lands including high and marsh lands and land now or formerly constituting the beds and bottoms of all rivers, creeks, streams, bayous, lagoons, lakes, bays, coves, sounds, inlets and other water bodies, and also all islands and all other lands owned by the State of Louisiana and not under mineral lease on May 9, 2001, situated in Cameron Parish, Louisiana, within the following described boundaries: Beginning at a point within the Rockefeller Wildlife and Game Preserve having Coordinates of X = 1,576,370.00 and Y = 348,940.00; thence North 10,430.00 feet; thence East 10,430.00 feet to a point having Coordinates of X = 1,586,800.00 and Y = 359,370.00; thence South 10,430.00 feet; thence West 10,430.00 feet to the point of beginning, containing approximately 2,497.36 acres, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources, as provided by the applicant. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The boundary description and plat for this tract as shown and as advertised were supplied by the nominating party and have not been checked for accuracy by the staff of the Office of Mineral Resources. Anything which may affect the acreage, the shape or the location of the tract, such as non-closure of or incorrect X, Y coordinates or title disputed acreage, or which may affect the status of the tract for leasing, such as overlap of prior leases or nominated tracts, or which may affect potential operations on leases taken, such as inclusion in areas under the jurisdiction of the Department of Wildlife and Fisheries, will not be specifically determined unless and until a bid on this tract is accepted by the Mineral Board; which bid will be accepted on a per acre basis and which acceptance will be conditional upon such specific determinations being made. Once a bid is conditionally accepted by the Mineral Board, the staff will, within a period following the date of the lease sale, determine the acreage, shape and location of the potential lease area of the tract, the status for leasing of all or any portion thereof, and any conditions which may affect potential operations thereon. These determinations may render all or a portion of the bid area unleaseable or may increase or decrease the State claimed acreage such that the total bonus/rental ultimately required may either exceed the bonus/rental paid at the lease sale, which will require additional payment by the successful bidder, or allow the successful bidder a refund of excessive payment. The successful bidder will be notified of the determinations by the staff and given an opportunity to view the bid area acreage, configuration and location as it has been specifically determined. If all or a portion of the bid area is unleaseable due to overlap of an existing lease, the successful bidder will be given an opportunity to accept or reject a new lease on that portion of the bid area which is not unleaseable. If rejected, the bid and all monies accompanying the bid will be returned to the successful bidder and no lease will be issued. In all other cases a new lease will be issued and any additional per acre bonus/rental, 10% administration fee or \$10 and \$5 per acre fees due as a result of staff determination of more State acreage in the bid area than determined by the successful bidder will be paid prior to the lease being issued. A determination of less State acreage in the bid area

will result in a return to the successful bidder of any overpayment.

NOTE: This tract may be all or partially located within the Rockefeller Wildlife and Game Preserve. Any operations on said tract or portion thereof which falls within the wildlife management area shall be coordinated with the Louisiana Department of Wildlife and Fisheries. Special Rules and Regulations have been promulgated by the Louisiana Department of Wildlife and Fisheries for the protection of the game and wildlife for some management areas. Any lease awarded by the Board on said tract shall be subject to any applicable Rules and Regulations of said management area. Copies of these Rules and Regulations may be obtained from the Louisiana Department of Wildlife and Fisheries through the Assistant Secretary, Office of Wildlife, upon request.

- NOTE:
1. Compliance with the Rockefeller mineral regulations shall be required.
 2. No surface activities will be allowed in the vicinity of the Headquarters and associated facilities without written authorization from the Department of Wildlife and Fisheries.
 3. Board road access will be required when feasible as determined by the Department of Wildlife and Fisheries.
 4. In the event that board road access is not feasible, existing canals and waterways will be utilized to access proposed well locations. A maximum of 350 feet of new canal dredging will be allowed for individual well locations.
 5. Compensatory mitigation will be required for unavoidable wetland losses.
 6. No discharges will be allowed, including produced waters and drilling fluids. A containerized closed loop system will be required.
 7. Seasonal restrictions may be imposed within specific management units dependent upon wildlife population levels.

NOTE: A minimum bonus of \$350.00 per acre and a minimum royalty of 25% will be required on any portion of the tract which falls within the wildlife management area.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural

Resources, its Offices or Commissions, as hereinabove reserved.

Applicant: Mineral Services, Inc.

Bidder	Cash Payment	Price / Acre	Rental	Oil	Gas	Other

REFUGE

Grassy
Lake

167
72

ROCKEFELLER STATE WILDLIFE REFUGE AND GAME PRESERVE

TR 33477
2,497.36 +/- ACS.
MAY, 2001

Refuge
Camp

CONSTANCE BAYOU

GAS FIELD

Blue
Lake

Constance
Bayou

Bayou

P.O.B.
X = 1,576,370.00
Y = 348,940.00

T 16 S - R 3 W

CAMERON PARISH

AND GAME PRESERVE

SCALE 1" = 2000'

TRACT 33478 - Cameron and Vermilion Parishes, Louisiana

All State owned lands including high and marsh lands and land now or formerly constituting the beds and bottoms of all rivers, creeks, streams, bayous, lagoons, lakes, bays, coves, sounds, inlets and other water bodies, and also all islands and all other lands owned by the State of Louisiana and not under mineral lease on May 9, 2001, situated in Cameron and Vermilion Parishes, Louisiana, within the following described boundaries: Beginning at a point within the Rockefeller Wildlife and Game Preserve having Coordinates of X = 1,586,800 and Y = 369,800; thence North approximately 4,673 feet to the point of intersection with the Northern boundary of said Rockefeller Wildlife and Game Preserve; thence along said Rockefeller Wildlife and Game Preserve the following courses: Easterly approximately 2,069 feet, Southerly approximately 1,320 feet, Easterly approximately 2,958 feet and Southerly approximately 3,291 feet to a point of intersection with an East-West line having a Coordinate of Y = 369,800.00; thence West approximately 4,945 feet to the point of beginning, containing approximately 442 acres, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources, as provided by the applicant. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The boundary description and plat for this tract as shown and as advertised were supplied by the nominating party and have not been checked for accuracy by the staff of the Office of Mineral Resources. Anything which may affect the acreage, the shape or the location of the tract, such as non-closure of or incorrect X, Y coordinates or title disputed acreage, or which may affect the status of the tract for leasing, such as overlap of prior leases or nominated tracts, or which may affect potential operations on leases taken, such as inclusion in areas under the jurisdiction of the Department of Wildlife and Fisheries, will not be specifically determined unless and until a bid on this tract is accepted by the Mineral Board; which bid will be accepted on a per acre basis and which acceptance will be conditional upon such specific determinations being made. Once a bid is conditionally accepted by the Mineral Board, the staff will, within a period following the date of the lease sale, determine the acreage, shape and location of the potential lease area of the tract, the status for leasing of all or any portion thereof, and any conditions which may affect potential operations thereon. These determinations may render all or a portion of the bid area unleaseable or may increase or decrease the State claimed acreage such that the total bonus/rental ultimately required may either exceed the bonus/rental paid at the lease sale, which will require additional payment by the successful bidder, or allow the successful bidder a refund of excessive payment. The successful bidder will be notified of the determinations by the staff and given an opportunity to view the bid area acreage, configuration and location as it has been specifically determined. If all or a portion of the bid area is unleaseable due to overlap of an existing lease, the successful bidder will be given an opportunity to accept or reject a new lease on that portion of the bid area which is not unleaseable. If rejected, the bid and all monies accompanying the bid will be returned to the successful bidder and no lease will be issued. In all other cases a new lease will be issued and any additional per acre bonus/rental,

10% administration fee or \$10 and \$5 per acre fees due as a result of staff determination of more State acreage in the bid area than determined by the successful bidder will be paid prior to the lease being issued. A determination of less State acreage in the bid area will result in a return to the successful bidder of any overpayment.

NOTE: This tract may be all or partially located within the Rockefeller Wildlife and Game Preserve. Any operations on said tract or portion thereof which falls within the wildlife management area shall be coordinated with the Louisiana Department of Wildlife and Fisheries. Special Rules and Regulations have been promulgated by the Louisiana Department of Wildlife and Fisheries for the protection of the game and wildlife for some management areas. Any lease awarded by the Board on said tract shall be subject to any applicable Rules and Regulations of said management area. Copies of these Rules and Regulations may be obtained from the Louisiana Department of Wildlife and Fisheries through the Assistant Secretary, Office of Wildlife, upon request.

- NOTE:
1. Compliance with the Rockefeller mineral regulations shall be required.
 2. No surface activities will be allowed in the vicinity of the Headquarters and associated facilities without written authorization from the Department of Wildlife and Fisheries.
 3. Board road access will be required when feasible as determined by the Department of Wildlife and Fisheries.
 4. In the event that board road access is not feasible, existing canals and waterways will be utilized to access proposed well locations. A maximum of 350 feet of new canal dredging will be allowed for individual well locations.
 5. Compensatory mitigation will be required for unavoidable wetland losses.
 6. No discharges will be allowed, including produced waters and drilling fluids. A containerized closed loop system will be required.
 7. Seasonal restrictions may be imposed within specific management units dependent upon wildlife population levels.

NOTE: A minimum bonus of \$350.00 per acre and a minimum royalty of 25% will be required on any portion of the tract which falls within the wildlife management area.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved

coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

Applicant: Mineral Services, Inc.

Bidder	Cash Payment	Price / Acre	Rental	Oil	Gas	Other